



IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Konstantine I. Iourcha et al.  
SERIAL NO.: 09/823,163  
CONF. NO.: 8104  
FILING DATE: March 30, 2001  
TITLE: Area and Span Based Z-Buffer  
EXAMINER: Linzy T. McCartney  
ART UNIT: 2671  
ATTY.DKT.NO.: PA1744US

RECEIVED

JUL 16 2004

Technology Center 2600

---

**CERTIFICATE OF MAILING**

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date printed below:

Date:

July 9, 2004

Stanley Pawlik, Reg. No. 47,850

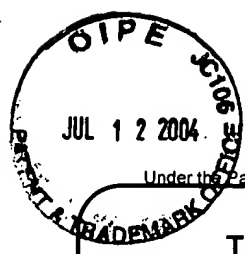
---

MAIL STOP AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ARLINGTON, VA 22313-1450

**AMENDMENT AND RESPONSE**

In response to the non-final Office Action (paper #15) mailed April 21, 2004 in the above-identified patent Application, please enter the following amendments and consider the following remarks.

2671



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|   |                      |                        |  |
|---|----------------------|------------------------|--|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | 09/823,163             | <b>RECEIVED</b><br><br>JUL 16 2004<br><br>Technology Center 2600 |
|   | Filing Date          | March 30, 2001         |  |
|   | First Named Inventor | Konstantine I. Iourcha |  |
|   | Art Unit             | 2671                   |  |
|   | Examiner Name        | Linzy T. McCartney     |  |
| Total Number of Pages in This Submission  | 14                   | Attorney Docket Number | PA1744US   |

| ENCLOSURES (Check all that apply)   |  |   |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Response to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication<br>to Technology Center (TC)<br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please<br>Identify below):<br>1) Postcard |
| Remarks: Total page number does not include postcard.   |  |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |  |
|--|--|
| Firm or Individual name                    | Carr & Ferrell LLP Cust. No. 22830       |
| Signature                                  | <i>Stanley J. Pawlik</i> Reg. No. 47,850 |
| Date                                       | July 9, 2004                             |

| CERTIFICATE OF TRANSMISSION/MAILING   |  |
|---|--|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |  |
| Typed or printed name   | Stanley J. Pawlik Reg. No. 47,850          |
| Signature   | <i>Stanley J. Pawlik</i> Date July 9, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.